

From boatanchors@theporch.com Mon May 20 09:37:33 1996
From: maccary@on-ramp.ior.com
Subject: "General Microwave Model 451 Pwer Meter"
Message-ID: <m0uLLJG-000TLeC@on-ramp.ior.com>

I do not have a manual for this item, but did find one at an estate sale about a month ago. From my reading on bolometers there must be an external jig with either a thermistor or a thermocouple in a piece of waveguide. All I got was the box with the meter and what is that strange cylindrical fiber tube that mounts over a hole in the chassis? What good is this power meter anyway?

Mac--W=D8NAX
Lawrence M. MacCary --- A Subscriber at Internet On-Ramp, Inc.=20

From boatanchors@theporch.com Mon May 20 15:53:48 1996
From: lkayser@WorldLink.ca (Larry Kayser)
Subject: "Odd" Tubes
Message-ID: <199605201740.NAA02858@beacon.WorldLink.ca>

Richard wrote.....

>I have a GE 807 that's unlike others I've seen. Under the 807 is
>printed Canada. What's odd is the plate cap. Instead of being the
>plain cylinder shape found on all tubes, this one has been formed to
>have 'flutes'. I guess that's the term to use. Serrated isn't right.
>Krinkled like it was gripped by a giant pair of pliers during
>manufacture might be close to the right description.

>Anyway, the plate cap would make contact at 10 points around the
>circumference, at the high spots. Any ideas on this variation????
Yes this was quite common during WW II. Does your tube have a bakelite
(early plastic) base or is it Ceramic?

What I have seen many times up here is that once a part was made in a different way it was used for everything that it would fit. We had a very aggressive guy running War production up here, C. D. Howe, and he pushed hard to make logical substitutions in all forms of production. This went all the way through design where the designer was forced to try and fit parts and products into different uses. We made wooden airplanes of plywood (early stealth?) and an anti submarine ship used a propeller design for which a prewar mold was available.

I have seen the fluted plate cap on many tubes including the final in the GRC-9, 2Y24, 837, 1625 etc. We also used some varieties of early plastic in tube bases, one type looked like it had a marbled grain type finish.

Larry Kayser
va3lk / wa3zia

From boatanchors@theporch.com Mon May 20 09:37:33 1996
From: midshires@cix.compulink.co.uk (Andrew Emmerson)
Subject: Re A (crown) M
Message-ID: <memo.509708@cix.compulink.co.uk>

That's easy -- it's the (British) Air Ministry, in other words the Royal Air Force.

73, Andy G8PTH.

From boatanchors@theporch.com Mon May 20 09:37:33 1996
From: arc5@ix.netcom.com (David Stinson)
Subject: ARC-3 DOCS & BOX NEEDED
Message-ID: <199605201416.HAA00433@dfw-ix5.ix.netcom.com>

Need manuals and control box and connectors
for ARC-3 radios.

Thanks ES 73 DE Dave Stinson AB5S
arc5@ix.netcom.com

From boatanchors@theporch.com Mon May 20 09:37:33 1996
From: maccary@on-ramp.ior.com
Subject: Artillerymen
Message-ID: <m0uLLX4-000T6CC@on-ramp.ior.com>

I don't know if it was a privilege or not but it sure beat walking across Europe. This month's ER has an article about the AN/GRC-13 which I don't know but I am familiar with it's grandpa, the SCR-284 which we used in 105mm batteries. I remember cranking that hand generator in key down situations. Like my Kaypro computer, the SCR-284 was not portable but more nearly transportable, especially in a truck. The guys in Battalion HQ were luckier, they had a command car to lug the BC-375.

Mac--W=D8NAX
Lawrence M. MacCary --- A Subscriber at Internet On-Ramp, Inc.=20

From boatanchors@theporch.com Mon May 20 09:37:33 1996
From: John Shriver <jas@shiva.com>
Subject: Re: Collins Rx Screws
Message-ID: <199605201417.KAA14452@shiva-dev.shiva.com>

As of January 1992, Small Parts Inc. was at:

13890 N.W. 58th Court
P.O. Box 4650
Miami Lakes, FL 33014-0650

Phone +1-305-557-8222
FAX 1-800-423-9009

They have all sorts of screws. Mostly stainless steel, also brass,
nylon, even titanium.

From boatanchors@theporch.com Mon May 20 09:37:33 1996
From: List Admin/Owner BoatAnchor Mail List <listtown@jackatak.theporch.com>
Subject: CQ Albuquerque - need home for BC-221-AF
Message-ID: <9605200841.aa09370@jackatak.theporch.com>

Hi Gang-

Hope everyone enjoyed Dayton... I have returned from a different
venture...

And found the following in my mailbox... And, with a name like
"Hannibal Madden" I suspect a contact would be most enjoyable...
Please respond directly to Hannibal at:

madden@chtm.eece.unm.edu

-----8><-----snip here-----
Sun May 19 17:44:51 1996 Hannibal Madden, W5UQW wrote:

I was attempting to look at some of the mail that your list generates
in the hope of locating a knowledgeable member of your group who is
located in the Albuquerque, New Mexico, area. I need advice on the
"worth" to collectors of an old piece of WWII electronic equipment.

I have a Signal Corp. frequency meter, Mod. BC-221-AF (2385:CZR/29307
Phila. 43), that I would like to sell (or give??) to someone locally.
I don't know whether this item would be of interest to your members,

but I hope that I don't have to throw it in the trash -- or give it to some member of the "Rio Grande Navy" for use on their yacht. :)

Could you perhaps be kind enough to post a message to your members asking someone in the Albuquerque area to "give me a shout"? I would be grateful for any help you may be able to give!

Hannibal Madden, W5UQW
madden@chtm.eece.unm.edu

From boatanchors@theporch.com Mon May 20 15:53:48 1996
From: jkh@lexis-nexis.com (John Heck)
Subject: Re: CQ Albuquerque - need home for BC-221-AF
Message-ID: <9605201436.AA25550@beans.lexis-nexis.com>

Folks,
If anyone can respond to Hannibal would you please cc the group as well?
I've got one of these things too and would like to know more about it.
Thanks.
John Heck
Dayton, Ohio
jkh@lexis-nexis.com

> I have a Signal Corp. frequency meter, Mod. BC-221-AF (2385:CZR/29307
> Phila. 43), that I would like to sell (or give??) to someone locally.
> I don't know whether this item would be of interest to your members,
> but I hope that I don't have to throw it in the trash -- or give it to
> some member of the "Rio Grande Navy" for use on their yacht. :)

> Hannibal Madden, W5UQW
> madden@chtm.eece.unm.edu

From boatanchors@theporch.com Mon May 20 09:37:33 1996
From: Duncan Cadd <dcadd@luc.ac.be>
Subject: Custom Meter Faces
Message-ID: <9605200924.AA03664@alpha.luc.ac.be>

> I use Generic CADD myself.
>
> 73
> Bill ko4ww

Been using that for 37 years . . . it's in my blood. A quality product.

Duncan ON9CHU / G0UTY G-QRP 8117 dcadd@luc.ac.be

From boatanchors@theporch.com Mon May 20 09:37:33 1996
From: MODSTEPH@ACS.EKU.EDU
Subject: Dayton observations
Message-ID: <01I4WP04JG6A003NHV@ACS.EKU.EDU>

Hi, gang,

I was at Dayton (spaces 3120-3121) Friday and Saturday, and did manage to sell the two major items I took along. Brought home an NC-125 in very nice physical condition (have not plugged it in yet) and have a Q-multiplier to go with it.

I appreciated the many BA folks who stopped by to introduce themselves and chat a bit. Had a wide variety of conversations with many, ranging from where Atwater Kent went when he retired to discussion of folk banjo VS bluegrass by one of our own (whose parents also know Pete Seeger...

I did see some decent BA's but many outrageous prices. I guess others have seen advertised prices and feel they can get rich quick. Come on! \$400 for a Ranger...? Prices up \$700-900 for an A-4 (one filter)... and \$200 for a Globe Scout? Fortunately, I did not see many of these overpriced "collector's items" being sold...

There was a good assortment of reasonably priced BA's, and one of the better assortments of equipment types I have seen for a while. I hope all of you who attended enjoyed yourselves and the (dry) weather!

73, Al N5AIT
modsteph@acs.eku.edu

From boatanchors@theporch.com Mon May 20 09:37:33 1996
From: John Shriver <jas@shiva.com>
Subject: Decals
Message-ID: <199605201337.JAA11717@shiva-dev.shiva.com>

There are several places that are very glad to do custom decals. Primary market is model railroaders, who like to invent their own railroads for their layouts and make decals for them. Buy a copy of Model Railroader or Railroad Model Craftsman magazine, look for ads.

You have to provide camera-ready artwork, preferably at least 2X, with registration marks if you want multiple colors. You can do it in pen & ink, or with drawing software and a laser printer.

Minimum (reasonable) order is about 250 copies.

I know Microscale is one source, but they have a really fancy process, and a high minimum order. Champ is another name I remember.

There also is decal film to run through a laser printer, but there's no white toner for them that I know of. So you're really limited to black for that approach.

From boatanchors@theporch.com Mon May 20 09:37:33 1996
From: Engbert Oord <engbert.oord@jet.uk>
Subject: Detection of vacuum detector arcs Ref. Collins
Message-ID: <9605201102.AA16894@jet.uk>

I post the following request on behalf of one of my colleagues. Somewhere on the BA list there must be people lurking, who may have some knowledge or even have first hand experience on the topic described below. Please respond to him directly if you can, failing that to me. Ofcourse if the subject is of interest to the group then by all means throw it on the BA list.

>

>I'm investigating the detection of high voltage arcs in RF coaxial lines and vacuum capacitors

>that we use in our multi-megawatt RF facility here at JET. The aim is to improve the various

>protection system in use on the plant.

>

>I've heard of a reference to work done by Collins Radio during the 1960s where they were

>detecting vacuum capacitors arcs in high power MF/HF broadcast transmitters by using a

>300kHz resonant coil system and listening to the 'splat'!

>

>Does anyone, particularly Stateside, have any more information or recollection on this

>technique?

>

>Many thanks...Andy Sibley

>

>Tel: +44 1235 464589

>FAX: +44 1235 464848

>For direct E-Mail please respond to Andy.Sibley@jet.uk

>

Sorry to post this again, I forgot the SUBJECT field.
With it it stands a far better chance of being read.

Thanks

Engbert Oord , G7THB
JET Joint European Torus, Culham ,UK
Email : eo@jet.uk or engbert.oord@jet.uk

From boatanchors@theporch.com Mon May 20 09:37:33 1996
From: rdkeys@csemail.cropsci.ncsu.edu
Subject: Re: Don't Forget Armed Forces QSO's
Message-ID: <9605201428.AA100878@csemail.cropsci.ncsu.edu>

> Tune around outside the ham bands this weekend and you'll hear military
> stations transmitting, and listening for hams in-band. This is part of
> Armed Forces day effort.
> I worked the Coast Guard on this pair yesterday
>
> Station NMN
> 14467 R
> 14223 T
> Harris 2368 receiver
> Collins ? transmitter (he wasn't sure)
>
> 73 de tom

I had fun working Burly (Master Chief Burleson, if my memory serves me correctly --- been several years since I last chatted with him --- a fine chops he be) on 40 meters and on a 40/80 meter split (they were listening on 3512 for some reason about 0300Z). He runs a mean key. If memory serves me correctly, he sent the last 12mhz msg/hf cw/NMN (one of the 3 final shift ops).

NMN QSW 6968R5 QSW 7051/3512

Yours truly did use Boatanchor gear --- RAL/RBC/TDB (RMCA ET-8019A).

It took me forever to get good skip, since NMN is only 200 miles away. I must have been skipping several hundred miles out to sea, because it was not until late afternoon that I could get them on 40 and only after darkpath on 80.

The CW and SSB stations were being run from the same console apparently, in one of the little glass enclosed ops shacks at NMN. Apparently there

was a bit of internal QRM between the SSB/CW running from the same table. But, they took it in stride and kept on truckin'! It shows you what the professionals can do, even under fire. Hams could do well to learn from them.

I hope others were able to work them. The WAR cw fellows apparently never showed up, according to WAR (over the air, no less). Sad, the Army must be losing it to some extent. That would make my OM roll over, since he used to run circuits with WAR from WVB and elsewhere. Oh, well, times they are a' changin, but the boatanchors keep on puffin'. I did not hear any other CW from my location, other than NMN. But, it were pure-D musick to me 'ears from NMN with ol' Burly rattlin' an' bangin' the brass.....

73/ZUT DE NA4G/Bob UP

From boatanchors@theporch.com Mon May 20 15:53:48 1996
From: JOHN_SEHRING.parti@ecunet.org
Subject: DRAKE R4 FILTERING
Message-ID: <9605201415.aa28195@pcusa01.ecunet.org>

The Drake R-4, -4A and 4B used the same IF scheme.

They use a crystal-lattice filter in the 1st IF at 5645 KHz as a 6 KHz wide 'roofing' filter. This a very good way to keep down intermodulation products.

The second IF is 50 KHz using lumped-LC circuits to give 4.8, 2.4, 1.2 and 0.4 KHz bandwidth choices.

--John Sehring (05/20/96 10:25 am MT @Baker, Montana) WB2EQG

From boatanchors@theporch.com Mon May 20 09:37:33 1996
From: Sandy Blaize <70401.134@CompuServe.COM>
Subject: Dumb question department...
Message-ID: <960520033637_70401.134_IHD82-2@CompuServe.COM>

YES most assuredly! Replace it ONLY with a #47 or #1847 lamp! It is a 'ballast' across a portion of the 35Z5 heater and continued use without the lamp will eventually cause the heater section between pins 2 and 3 to burn out! This was a very common problem in the All-American Five (12SA7, 12SK7, 12SQ7, 35Z5, 50L6) that was very popular and octal based for BC band radios. The

same problem will exist for the AA5 (miniature) versions too (12BE6, 12BA6, 12AT6, 50B5, 35W4).

I wish I had a nickle for every 35Z5 I jumpered pins 2 & 3 on when I was working in a radio shop one summer doing AC/DC sets for spare change! Was 10 years old and did tube checking, replacing tubes and electrolytic caps, RF/IF alignment,

and simple repairs on AC/DC sets in a very poor area of New Orleans. Often the person would opt to have his 35Z5 "repaired" and forgo the dial lamp and new 35Z5 tube! We usually did this for about \$2.50 labor. One had to be careful though

recalibrating and realigning, as the customer would complain that his set didn't pickup radio stations were the 'used to be!' on his dial, even though it was way off!

73,

Sandy W5TVW

From boatanchors@theporch.com Mon May 20 15:53:48 1996

From: rdkeys@csemail.cropsci.ncsu.edu

Subject: First International BA/GB Firebottle Rallye Funzies

Message-ID: <9605201504.AA101029@csemail.cropsci.ncsu.edu>

Well, amazingly, there were some folks that showed up for the First International Boatanchorite/Glowbuggite Firebottle Rallye, and there were some interesting rigs running. So, all chops report in your scores so's T.O.M. can tally up the bananas and see who is on first.

I made 7 qso's, but was using commercial boatanchors (RAL/ET-8019A/BC-375/BC-348/HW-16), so my point multipliers were nil. Sandy was running a 1929 style TPTG rig with National SW-3 receiver and made some fine points. I heard KF5N, VE3RP, AD4YH, W3GF, and others in there, and some folks mentioned that they tried but were not able to make contacts. I even tried 40 meters during the day, but not much was going there, and the NMN Armed Forces Day QSO was 7051, so I let them have it on Saturday. Sunday was nil on 40 daylight. I did hear VE3RP in Monday morning, but could not work him on the HW-16. He was chasing a PY stn then.

I know the announcement was late in coming, and it really was a spur of the moment thing last Thursday, but I am glad we had some folks show up and really put their Boatanchors to use on the air! So, in my estimate, the First International Boatanchorite/Glowbuggite Firebottle Rallye was at least a partial success, to all that made the QRG.

73/ZUT DE NA4G/Bob

From boatanchors@theporch.com Mon May 20 15:53:48 1996
From: "D.D. Todd" <dube3@n-link.com>
Subject: Re: Fisher 400-C preamp - thanks
Message-ID: <31A0D960.1418@n-link.com>

Thanks to all who responded to my request for a schematic. Both Scott and Al told me that it is in a sams #432-7. Anyone have one they'd copy for me?

--

73,
Dube Todd AB5AP dube3@n-link.com

If we had to tolerate in others all that we permit in ourselves, life would be completely unbearable.
- Georges Courtelline

From boatanchors@theporch.com Mon May 20 09:37:33 1996
From: "D.D. Todd" <dube3@n-link.com>
Subject: Fisher 400-C Schematic
Message-ID: <319FFD3A.6338@n-link.com>

Does anyone have a schematic for the Fisher 400-C preamp?

--

73,
Dube Todd AB5AP dube3@n-link.com

If we had to tolerate in others all that we permit in ourselves, life would be completely unbearable.
- Georges Courtelline

From boatanchors@theporch.com Mon May 20 15:53:48 1996
From: MICHAEL@ecs.umass.edu
Subject: Flea at MIT
Message-ID: <01I4XFCEJDKIK7XH3I@ecs.umass.edu>

I'll try to fill in for Andy, who usually posts an MIT report, but missed this one. I think he OD'd at Hosstraders weekend before last, or maybe he has second sight, as this was a rather disappointing meet. Tons of computer junk--aisle after aisle--at least 50% of the stuff, I'd guess.

Only list member I saw there (to recognize) was Rhyne K., who had a Viking II for sale (\$225). We chatted a bit and I bought a 7H7 tube from him. Not much BA gear that caught my eye. One guy had a fairly nice looking HRO-60 in the back of his station wagon. In response to my question about price responded belligerently: \$400! I didn't feel like fighting. Even

more ridiculous was the HP606A for sale nearby for the same price. Others noted:

SX101A, poor condition	\$100
Heath Single Bander	\$125
Icom IC-725	\$500
NC-60	\$ 35

Picked up a box full of old electrolytics from a guy for a buck. I've had really good luck reforcing these guys so I think this was a good deal. Also got an HP410C VTVM without AC probe or power cord for \$22. Probably not such a good deal.

Stopped at Deak Lightfoot's place on the way home and spend a pleasant afternoon looking at his shack and talking about Boatanchors. Deak kindly leant me an HQ-110 as I haven't had any experience with Hammarlund gear. Thanks, Deak.

John Michael michael@ecs.umass.edu

From boatanchors@theporch.com Mon May 20 15:53:48 1996
From: aphagen@chemdept.chem.uoknor.edu (a Hagen)
Subject: FS military
Message-ID: <1379536881-25762772@chemdept.chem.uoknor.edu>

Found in garage! FS value unknown.

R-417/TRC with several converters. The unit is missing the power and headset connector since it was hard-wired into an audio amplifier. Worked last time used, dusty not dirty, not stored in (included) weather tight box .Schematic and partial manual (almost complete).

RT70B/GRC (??? 6m FM?) "like new ?"

AN/PRC-71 a neat little box labeled Remote Console. Seems "like new"

Traveling to Houston this weekend. Can drop off.
Arnulf P. Hagen, Professor
Department of Chemistry and Biochemistry, The University of Oklahoma
620 Parrington Oval, Rm 208
Norman, OK 73019

405-325-2827
405-325-6111 FAX
aphagen@uoknor.edu
Pager 405-630-1618 (alphanumeric if you have the ATT software)
Home 405-899-4726

From boatanchors@theporch.com Mon May 20 15:53:48 1996
From: Tom.Daley@530.gigo.com (Tom Daley)
Subject: FS: TRIO 9R-59 HF RX
Message-ID: <1d3_9605201202@gigo.com>

hello ba people for sale (1) trio 9r-59 hf receiver in very good condition and works good. its your basic circa 1964 entry level tube hf receiver, with sliderule dial and sliderule bandspread with a twist, the bandspread for 80 and 40 meters is layed out twice for different regions of the band (double bandspread ??) its single conversion using 455khz if with a combo q-mult/bfo. it is very clean, chassis, front and case. trio (japan) became later know to us all as kenwood ! it has the original manual thats in japanese (alignment info and schematic are in english). \$90 plus shipping thanks tom

--

: Fidonet: Tom Daley 1:203/530 .. speaking for only myself.
: Internet: Tom.Daley@530.gigo.com

From boatanchors@theporch.com Mon May 20 15:53:48 1996
From: jcreid@CCGATE.HAC.COM
Subject: Gonset info needed
Message-ID: <9604208326.AA832609185@CCGATE.HAC.COM>

Hi Gang,

I just received my Gonset Communicator III(Model 3133) from a fellow list member(thanks, Dick.) Man, that CD yellow is bright! The unit is in really nice shape and I'm anxious to play with it, but I need some docs. If anyone can help, please contact me directly. Is anyone doing anything on 2m AM these days? Are there any freqs. still available?? Thanks in advance.

-Jim N6SVS
jcreid@ccgate.hac.com

From boatanchors@theporch.com Mon May 20 15:53:48 1996
From: JOHN_SEHRING.parti@ecunet.org
Subject: HALLI DUAL CONV RADIOS
Message-ID: <9605201415.aa28187@pcusa01.ecunet.org>

'Selectable sideband' was accomplished in the Halli 1650/50 KHz dual IF ct at the 2nd conversion oscillator. It ran at either 1600 or 1700 KHz

thereby selecting either the upper or lower sideband for the 50 KHz IF stages, without necessity of any retuning of the radio's bfo or frequency.

I'd very much like a copy of the just the schematic of the SX-122. Pse advise me directly of cost.

--John Sehring (05/20/96 9:39 am MT @Baker, Montana) WB2EQG

From boatanchors@theporch.com Mon May 20 15:53:48 1996
From: JOHN_SEHRING.parti@ecunet.org
Subject: HALLI DUAL CONVERSION RADIOS
Message-ID: <9605201415.aa28189@pcusa01.ecunet.org>

> From: Bill Sorsby <bill.sorsby@dlep1.itg.ti.com>
> Subject: Re: HALLICRAFTERS DOUBLE-CONVERSION RADIOS
>
> Obviously, Hallicrafters liked IF's in the 1600 kHz region. It's
> interesting that Hallicrafters chose to use single conversion 1600 kHz
> IF's in a number of their cheaper receivers.

Tnx for all the info on Halli's!

They used 1650 KHz 1st IF mostly because it fell in between the upper end of the AM BC band and the lower edge of 160 m. They wanted dual conversion on all bands but wanted to avoid having to switch the set from single to dual conversion depending on the band in use.

For example, the Super Pros (e.g. SP-600) and National NC-183D did just this and it made for more complexity..

The Halli receivers using the 1650/50 KHz scheme (S-76 thru SX-122) didn't, for obvious reasons, tune from 1600 to 1700 KHz, 'cause that's where the 2nd conversion oscillator and the 1st IF were.

> Can't tell you much about
> the specific receivers as all I've got are the SX-101A and an SX-99.

The S-76, SX-96, -100, -101 and 101A used the 1650/50 scheme. The S-99 was single conversion (455 KHz IF).

> It's also interesting that only two Halli receivers show up with crystal
> lattice filters and one of these, the SX-116, was allegedly only a
> military model. I wonder if Moore missed something here? Or maybe
> that's one reason many of us remember Hallicrafter's receivers as
> strictly mediocre.

Well, it's pretty hard to get multi-xtal-filter-type selectivity from lumped LC-type filters, even at such a low frequency of 50 KHz. The good shape factor is just not there.

Probably the best-ever implementation of 50 KHz IF's in my personal experience is found in the Drake R-4, -4A and -4B receivers. They were more selective than the Halli's and also provided passband tuning.

Later Halli's went to xtal rx filters, e.g. SX-146.

Hammarlund (e.g. HQ-180) and National (e.g. NC-303) also used a low (about 80 KHz I think) final IF & got pretty good selectivity too I imagine.

Side note: Some very early filter-type SSB rigs (e.g. Halli HT-30) used very low, 20 KHz IF's to generate SSB.

--John Sehring (05/20/96 9:47 am MT @Baker, Montana) WB2EQG

From boatanchors@theporch.com Mon May 20 15:53:48 1996
From: JOHN_SEHRING.parti@ecunet.org
Subject: RE: HALLICRAFTERS DOUBLE-CONVERSION RADIOS
Message-ID: <9605201415.aa28170@pcusa01.ecunet.org>

Tnx fer info on Halli SX-111, -122 and -130.

Boy the SX-88 is a rare one. I've never even seen one in the flesh. It used 50 KHz 2nd IF but a different 1st IF freq (not 1650 KHz). Actually, it used 2 diff 1st IF freqs, depending on which band you were using! It did not have the selectable sideband feature either.

--John Sehring (05/20/96 9:22 am MT @Baker, Montana) WB2EQG

From boatanchors@theporch.com Mon May 20 15:53:48 1996
From: Jim Dillon <beadgal@ptialaska.net>
Subject: Heath Help:SB-310
Message-ID: <01BB4624.A8B4AA80@juneau_14.dialups.ptialaska.net>

Hi Green Machinists-

I sent out 'my' copy of Chuck's book to one of the book deal buyers, so I need help on SB-310 I have option to buy: This is the SWL version of SB-301. What should I know about adding crystals for other coverage; is it like Drake 2B/4B in that substitutes for original 9 can be had/cut? Does JAN support Heath crystallization as they do Drake? What are freq constraints? Will it do 75/40 with other xtals? Is it a Collins or Trio mech filter? And is it worth \$100? Thanks

Jim Dillon WL7CMQ beadgal@ptialaska.net

From boatanchors@theporch.com Mon May 20 15:53:48 1996
From: Richard Post <POST@ouvaxa.cats.ohiou.edu>
Subject: RE: Help - Nordmende Tannhauser C
Message-ID: <A3089ZWHSIJP4S*/R=OUVAXA/R=A1/U=POST/@MHS>

Tom Lemar wrote,
>Nordmende Tannhauser C - a beautiful German radio

I agree, a big beautiful radio. I bought one that another collector tried to repair but could not because of lack of a schematic and familiarity with European sets. Since I like challenges and sets that are more complicated than AA5's, I enjoy the "chase" in troubleshooting. My Tannhauser has a hidden rectifier, apparently mounted INSIDE an electrolytic assembly. Turns out the diode was fine but the power resistor coming off the assembly had opened. Replacing it got B+ back. The other problem with this set and most of its cousins are dirty contacts on the piano key switches. A liberal blast of TV tuner clean or de-oxit on the switch contacts and working the keys usually restores bandswitch operation. The previous troubleshooter had also broken one of the tiny coil wires attached to a bandswitch.

In troubleshooting these sets, remember that every superheterodyne regardless of maker works the same way. If the B+ is there, can you pass audio from the volume control to the speaker? With the set on AM broadcast (and the bandswitch making good contact) can you hear the oscillator on a nearby set at roughly 455 kHz higher than the tuner setting? With a signal generator, can you pass the IF frequency through its stages?

I cannot help with a schematic but send direct e-mail with the specific problem on this set. Maybe I can help. That fine set deserves to be working.

Be aware that European sets have lots of exposed terminals on the top of the chassis, such as the output transformer with exposed connections carrying B+.

Rich <rpost1@ohiou.edu>

From boatanchors@theporch.com Mon May 20 09:37:33 1996
From: TEK0CH@aol.com
Subject: Hq-100 Accessories XC-455

Message-ID: <960519214903_538642167@emout13.mail.aol.com>

I am restoring a Hammarlund HQ-100. It has installed but unworking an accessory which is a 455 KCS crystal-controlled BFO designed to be added to the second detector of the HQ-100. With the kit added, the function of the selectivity control of the built-in Q-multiplier is greatly enhanced. It permits single-signal CW reception with bandwidth adjustable from approximatley 3 KCS to 100 CPS.

Does anyone have a drawing of this accessory or any documentation on how it is suppose to be wired into the HQ-100. Although the osc. seems to work it does not have enough injection to act as a BFO.

Thanks for you help, if you can!

Tom Koch - W4UOC
8170 Haabersham Waters Road
Dunwoody, GA 30350

From boatanchors@theporch.com Mon May 20 09:37:33 1996
From: Richard Biddle <rbiddle@madvax.mo.ti.com>
Subject: HQ-145 versus HQ-145X
Message-ID: <31A07F41.113@madvax.mo.ti.com>

Quick question - what is the difference between a Hammarlund HQ-145 and HQ-145X. I have an 'X' and may have a lead on a HQ-145 parts unit.

Thanks,

--

73 de Richard, KB5WLH
rbiddle@madvax.mo.ti.com

<< The Internet - CB Radio >>
<< For The Nineties >>

From boatanchors@theporch.com Mon May 20 15:53:48 1996
From: jproc@worldlinx.com
Subject: RE: HQ-145 versus HQ-145X
Message-ID: <Chameleon.4.01.2.960520112303.jproc@jproc>

>Quick question - what is the difference between a Hammarlund
>HQ-145 and HQ-145X. I have an 'X' and may have a lead on
>a HQ-145 parts unit.
>

Richard,

The X means the receiver can be crystal controlled. A front panel cutout and crystal socket are provided with the X option.

~~~~~  
Jerry Proc VE3FAB  
E-mail: jproc@worldlinux.com  
Radio Restoration Volunteer  
HMCS Haida, Toronto Ontario  
~~~~~

From boatanchors@theporch.com Mon May 20 15:53:48 1996
From: RhyneK@aol.com
Subject: Re: HQ-145 versus HQ-145X
Message-ID: <960520150212_494817491@emout16.mail.aol.com>

The HQ-145X has provision for running the oscillator under crystal control.
It has a crystal plug on the front panel for plugging in crystals.
The HQ-145 does not have this.

de

rhyne, KA1CX

From boatanchors@theporch.com Mon May 20 09:37:33 1996
From: List Admin/Owner BoatAnchor Mail List <listown@jackatak.theporch.com>
Subject: HUGE HAM ESTATE SALE !!
Message-ID: <9605200844.aa09384@jackatak.theporch.com>

Gang-

An opportunity to help fill out collections and help a widow....

This one comes from a friend on another list who wanted ya'll to have
a shot at things...

-----8><-----snip here-----
HUGE HAM ESTATE SALE !!

LITERALLY TONS of ham gear from 50 years of active hamming !
Radios: Ham, Antique, Microwave, etc.
Tubes, capacitors, parts, parts, parts, parts !
Antennas, towers, cables,

You won't believe all the stuff ! ! !
Get there EARLY ! You won't regret it !

DATES: May 25, 26, 27 - from (9AM to 5PM)
Address: 328 Mark Dr. Coventry, CT 06238
Telephone. (Please don't call unless necessary:) (860) 742-8650

Directions: Find route 44 Eastbound out of Hartford on your map.
Driving Eastbound on route 44, pass the junction where route
31 feeds in from the North.
Driving East on 44, the next road on the left or North AFTER
this junction is Mark Drive.
The house is .9 miles Northbound on Mark Drive on the Right.
Look for the Huge antenna farm and you are there !

Please be fair to his wife ! She is a very nice lady... and
she needs the money !

HAVE FUN !

73 de K2DCY, Tom Perera, Telegraph Key Collector / Historian
11 Squire Hill Rd. N.Caldwell,NJ 07006. (201)226-9185
e-mail: pererat@alpha.montclair.edu -->> Telegraph Ciber-Museum Web Pages:
<http://www.chss.montclair.edu/psychology/perera/telegraph.html>

From boatanchors@theporch.com Mon May 20 15:53:48 1996
From: Ed Kleckner <ekleck@kendaco.telebyte.net>
Subject: ID for Headphones?
Message-ID: <Pine.LNX.3.91.960520073951.14026B-1000000@kendaco.telebyte.com>

At the Yakima (WA) hamfest this past weekend, I acquired an early set of
headphones to match some of my vintage gear and I could use some help
identifying the impedance and (possibly) manufacturer. The phones have a
pair of leather headbands, and the ear-pieces are adjustable with a post
and screw arrangement. Stamped on each ear-piece is "ANB-H-1-A". The
wires are cloth covered and are attached with recessed screws at the
ear-pieces and the plug, with a little ear with a hole btw the terminals
for the cloth covering to be tied to. The plug is flat, sort of a
squashed egg in shape.

Does anyone recognize these? Clues as to manufacturer and impedance
would be appreciated.

~~~~~  
~ Ed Kleckner, N7YQR ~  
~ ekleck@kendaco.telebyte.com ~

~~~~~  
From boatanchors@theporch.com Mon May 20 15:53:48 1996
From: pbock@melpar.esys.com (Paul H. Bock)
Subject: Re: ID for Headphones?
Message-ID: <9605201500.AA11844@syseng1.se.melpar.esys.com>

> At the Yakima (WA) hamfest this past weekend, I acquired an early set of
> headphones to match some of my vintage gear and I could use some help
> identifying the impedance and (possibly) manufacturer. The phones have a
> pair of leather headbands, and the ear-pieces are adjustable with a post
> and screw arrangement.
> Stamped on each ear-piece is "ANB-H-1-A".
~~~~~

ANB-H-1A is the designation for the earpieces used with the  
HS-33/U headset. The combined impedance of this headset is 600  
ohms. The leather-covered headband indicates (I believe) the  
USAAF version of the HS-33/U. The Navy version uses plain metal  
bands with a snap-on canvas cover. (I have one of each).

These 'phones work extremely well with BC-348s, etc. If you  
wish to use them with modern, 4/8 ohm output impedance  
receivers/riceboxes/etc., Radio Shack sells a little transformer  
for \$1.99 which has a 1K CT primary and 8-ohm secondary. Just  
use half the primary and hook the xfmr up backwards to match  
600-ohm phones to 4/8 ohm outputs. Conversely, use half the  
primary and hook 'em up frontwards to drive an 8-ohm speaker with  
a BC-348 or similar 600-ohm output impedance BA.

73,

Paul, K4MSG

From boatanchors@theporch.com Mon May 20 15:53:48 1996  
From: Karan Lee Carruth <klccarru@tenet.edu>  
Subject: Re: ID for Headphones?  
Message-ID: <Pine.OSF.3.91.960520134106.19908C-100000@beall.tenet.edu>

On Mon, 20 May 1996, Paul H. Bock wrote:

> > At the Yakima (WA) hamfest this past weekend, I acquired an early set of  
> > headphones to match some of my vintage gear and I could use some help

> > identifying the impedance and (possibly) manufacturer. The phones have a  
> > pair of leather headbands, and the ear-pieces are adjustable with a post  
> > and screw arrangement.  
> > Stamped on each ear-piece is "ANB-H-1-A".

> ~~~~~  
>

> ANB-H-1A is the designation for the earpieces used with the  
> HS-33/U headset. The combined impedance of this headset is 600  
> ohms. The leather-covered headband indicates (I believe) the  
> USAAF version of the HS-33/U. The Navy version uses plain metal  
> bands with a snap-on canvas cover. (I have one of each).

> These 'phones work extremely well with BC-348s, etc. If you  
> wish to use them with modern, 4/8 ohm output impedance  
> receivers/riceboxes/etc., Radio Shack sells a little transformer  
> for \$1.99 which has a 1K CT primary and 8-ohm secondary. Just  
> use half the primary and hook the xfmr up backwards to match  
> 600-ohm phones to 4/8 ohm outputs. Conversely, use half the  
> primary and hook 'em up frontwards to drive an 8-ohm speaker with  
> a BC-348 or similar 600-ohm output impedance BA.

>  
> 73,  
>  
> Paul, K4MSG  
>

I believe that the correct designation for the headset described is  
HS-38. This was the headset that used the ANB-H-1 elementss. The  
earlier headset was the HS-33 but did not use the ANB-H-1 elements. They  
were used primarily by the USAAF and can be seen in just about any  
photograph of bomber crewmembers at their stations. The two elements were  
wired in series for a total impedance of 4000 ohms NOT 600 ohms. 4000  
ohms is also the typical output impedance for the BC-348 althou the  
wiring could be changed internally for lower impedance.

There were several types of ear cushions used. The ANB-H-1 elements were  
also used in flying helmets. They should have a short cord with a PL-354  
(red) on the end. This plug was the "bail out disconnect" and plugged  
into a CD-307 which had a PL-55 on one end and a JK-26 on the other. The  
cord (CD-307) was nominally six feet long. It is not unusuall to find  
some kind of improper connector on the HS-38 as many people do not know  
about the CD-307. Fair recently had CD-307s brand new for three or four  
bucks. These headsets are quite desireable for collectors who want to  
display them with their equipment.

You definitely need to replace the connector with the proper PL-354 and  
use a CD-307 with it. Otherwise, two things might happen:

1. You will get a sore neck from leaning over receiver with the short cord and,

2. The Purity in Restoration Police will get you!!!!!! (Don't reply in fury, its a joke!)

Hope this helps,

Lenox, WA50VG  
klccarru@tenet.edu

From boatanchors@theporch.com Mon May 20 15:53:48 1996  
From: Sandy Blaize <70401.134@CompuServe.COM>  
Subject: Need info Type#19 Tank radio  
Message-ID: <960520144614\_70401.134\_IHD63-1@CompuServe.COM>

This used to be popular after the war in the UK. Anybody remember the frequency range, power output, etc. I don't have any info on it anywhere in my library.

73,  
Sandy W5TVW

From boatanchors@theporch.com Mon May 20 15:53:48 1996  
From: jproc@worldlinx.com  
Subject: RE: Need info Type#19 Tank radio  
Message-ID: <Chameleon.4.01.2.960520113715.jproc@jproc>

> This used to be popular after the war in the UK. Anybody remember  
the  
>frequency range, power output, etc. I don't have any info  
>on it anywhere in my library.  
>

The #19 set consisted of two parts - the A set and the B set. The A set supported CW/MCW and voice in the 2 to 6.5 Mhz for the Mark I and 2 to 8 Mhz bands for the Mark II. Power input was 18 watts on CW and under normal circumstances, the CW signal was very chirpy. Typical communication distance was 20 miles using a 12 foot HF whip. These 19 sets were installed in jeeps, trucks and tanks. Basically anything which was mobile.

The B set operated around 230 Mhz and was intended as a short range tactical radio running around 3 watts. Typical communication distance was around 1000 yards or closer.

Regards,

~~~~~  
Jerry Proc VE3FAB
E-mail: jproc@worldlinx.com
Radio Restoration Volunteer
HMCS Haida, Toronto Ontario
~~~~~

From boatanchors@theporch.com Mon May 20 09:37:33 1996  
From: jproc@worldlinx.com  
Subject: OB2WA Regulator  
Message-ID: <Chameleon.4.01.2.960519233941.jproc@>

Dear BAer's,

Recently I discovered my first bad regulator tube. The tube tester shows the OB2WA as good, however, the tube does not glow with its normal purple colour. Instead, the gas looks like very bright neon and 'dances' on the exterior of the plate.

- 1) What type of fault does this tube have? ('gassy' ?)
- 2) May I assume that that OB2WA is the ruggedized version of an OB2?

Regards,

~~~~~  
Jerry Proc VE3FAB
E-mail: jproc@worldlinx.com
Radio Restoration Volunteer
HMCS Haida, Toronto Ontario
~~~~~

From boatanchors@theporch.com Mon May 20 09:37:33 1996  
From: "Mike O'Brien" <mobrien@lib.drury.edu>  
Subject: One more thought about Dayton  
Message-ID: <Pine.3.87.9605191956.C16311-0100000@lib.drury.edu>

After attending the Hamvention for several years but resisting temptation

to detour to see Fair Radio in person, we veered northward on I-75 to Lima this year -- and heartily recommend you do the same whenever you're in that neighborhood.

Dayton Week is not the ideal time to visit, but the folk at Fair were, nonetheless, extremely hospitable. Maybe it was because we spoke English (three rent-a-carloads of Japanese piled into the place just before we arrived). Seriously, the Fair folk were great!

One could spend weeks in there and still not be confident that he had seen all there is to see. Astonishing....

From boatanchors@theporch.com Mon May 20 15:53:48 1996  
From: lkayser@WorldLink.ca (Larry Kayser)  
Subject: Phillips Screw head, missed opportunity  
Message-ID: <199605201740.NAA02865@beacon.WorldLink.ca>

The introduction of the Phillips type screw was the "VHS" equivalent failure of the 1940's and 1950's. The "BETA" of that day was the Robertson screw with its square head.

I once did an analysis of the general failure of the Phillips screw and I felt I tracked down the failure to the simple lack of standards for the driver. The wrong driver would basically work with a given screw rather easily. Let me digress for a moment.

The Robertson screw, which we Canadians have a great laugh when we see them used for 'secure' applications in the USA, was based on a tightly controlled set of drivers, Green, Red and Black with the Japanese later extending them to include Yellow and Orange. When one tried to use a Green driver in a Red Screw the missfit was obvious and was almost unworkable. A Red driver would not even go near a Green headed screw.

The Phillips finger skinners did not have this advantage - I often wonder how much economic damage to American industry was caused by the Phillips screw head design? I would guess well into the Billions of US\$ over the last 50 years or so.

Why did the Robertson become the 'Beta' those many years ago? The owners tried to force a 'license' on the users of the Robertson screw, they protected the design very well but totally lost the war to popularize the design.

Larry  
va3lk / wa3zia

From boatanchors@theporch.com Mon May 20 15:53:48 1996  
From: JOHN\_SEHRING.parti@ecunet.org  
Subject: PRE-SANDBOX  
Message-ID: <9605201216.aa28162@pcusa01.ecunet.org>

The Sommerkamp line (rx, tx & linear amp) were advertised in QST in the mid 60's as "of German design and Japanese manufacture".

--John Sehring (05/18/96 4:27 pm MT @Baker, Montana) WB2EQG

From boatanchors@theporch.com Mon May 20 09:37:33 1996  
From: Andy Wallace <wallace@mc.com>  
Subject: R-389 in May Electric Radio  
Message-ID: <9605201347.AA03639@taku>

Spotted, but have not yet read, the article in the May Electric Radio magazine about the Collins R-389. Yes, I want one! But of course they are probably rare as heck...

Another BA List member in print! And another who helped him get the rig running. Bravo!

73,  
--Andy  
wallace@mc.com

P.S. Barry is selling all the ER back issues in a box at a bargain (relatively) price -- see the first page of the mag for details. I don't have mine with me, otherwise I would post the info!

From boatanchors@theporch.com Mon May 20 09:37:33 1996  
From: RNickels@smtpmail.micro.honeywell.com (Nickels, Bob)  
Subject: RCA mic, Heath Amp info  
Message-ID: <1996May20.081900.1650.109096@smtpmail.micro.honeywell.com>

Does anyone know how I can get a new ribbon installed in a RCA "Jr" ribbon mic?

Also - looking for schematic of Heath WA4M tube-type Hi-Fi amp, if anyone



has one.

These were my "consolation prizes" for not going to Dayton!

Thanks and 73,  
Bob KE0T  
rnickels@micro.honeywell.com

From boatanchors@theporch.com Mon May 20 15:53:48 1996  
From: JOHN\_SEHRING.parti@ecunet.org  
Subject: REMA ANT COUPLING FOR RX ALIGNMENT  
Message-ID: <9605201415.aa28188@pcusa01.ecunet.org>

I do like to use the specified antenna dummy load when aligning a receiver. You want the input stage (usually, but not always, an RF amp) to be loaded with its design input impedance when you do the alignment.

That way, everything will function and track as the designer intended.

--John Sehring (05/20/96 10:20 am MT @Baker, Montana) WB2EQG

From boatanchors@theporch.com Mon May 20 09:37:33 1996  
From: Roy Morgan <morgan@speckle.ncsl.nist.gov>  
Subject: RT-1-B transmitter: need info  
Message-ID: <9605201351.AA19905@speckle.ncsl.nist.gov>

Glowbuggers and Anchorites,

I dragged home an RT-1-B transmitter and need info: schematics, manuals.

I'ts in two parts, power supply and RF deck, with interconnecting cable, covers 3 to 30 mc, and has a 2E26 driving a 4PR60 final.

Manuals, tales, or other info welcome.

Thanks.

-- Roy Morgan/Building 820, Room 562/Gaithersburg MD 20899  
(National Institute of Standards and Technology, formerly NBS)  
301-975-3254 Fax: 301-948-6213 morgan@speckle.ncsl.nist.gov --

From boatanchors@theporch.com Mon May 20 09:37:33 1996  
From: Greg Carter <kx4r@mindspring.com>  
Subject: S-85/HQ145 SOLD  
Message-ID: <199605200400.AAA08420@borg.mindspring.com>

Hello Everyone!  
Just wanted to save others a long distance phone call.  
I just got off the phone with Brent Reynolds who had the  
above receivers for sale and they are gone !  
Guess I was a bit to late on the draw....story of my life !  
73, Greg  
kx4r@mindspring.com

From boatanchors@theporch.com Mon May 20 15:53:48 1996  
From: JOHN\_SEHRING.parti@ecunet.org  
Subject: SOMMERKAMP/YAESU  
Message-ID: <9605201415.aa28196@pcusa01.ecunet.org>

More on Sommerkamp/Yaesu radios (the death knell for U.S. ham rig  
manufacturers?):

Ad appeared in QST (e.g. 11/66). Showed FR-100b rx, FL-200 tx, FL-1000.  
Said FT-100 transceiver coming soon. Don't these model #s sound familiar?

Rigs offered by Barry Electronics.

--John Sehring (05/20/96 12:04 pm MT @Baker, Montana) WB2EQG

From boatanchors@theporch.com Mon May 20 09:37:33 1996  
From: Henry van Cleef <vancleef@bga.com>  
Subject: Re: Stupid Question Department Continued...  
Message-ID: <199605200354.WAA25128@zoom.bga.com>

As Benjamin D. Hall said

>

> Well folks, pulled all the tubes out of the S-38B and the 35Z5 has given  
> up the ghost. Now for the \$10,000,000 (inflation!) question: Did the  
> 35Z5 filament failure take out the dial light or did the dial light  
> failure take out the 35Z5? Any ideas?

>

Well, Ben, I was about to answer you first post saying that you'd  
probably find pins 2-3 of the 35Z5 open. This will fry the pilot light  
instantaneously.

To answer some of your other questions:

Yes, the pilot light circuit does other duties. The standard AA5 has the AC line connected to pin 2 of the 35Z5, and the pilot light connected across pin 2 and 3. Pin 3 is connected to the 35Z5 plate, pin 4. The tube manuals recommend this for up to 60 ma. of B+ current, and the 300, 150, or 100 ohms of shunt be added for B+ currents of 70, 80, or 90 ma. The standard AA5 circuit draw about 70 ma., and Hallicrafters is one of the very few that has a shunt resistor as recommended. The bulb specified is 6.3 volts, 150 ma., either a 40 (screw base) or 47 (bayonet base). The 1847 is a long-life 47, and is recommended for use here.

This circuit was a standard interview question in the forties and fifties. The interviewee got asked to draw the circuit on a blackboard and explain some of the whys and wherefores of it. Some salient points:

1. Shunting the pilot light with a filament section prevents a major voltage surge across the bulb. The filament string serves as a voltage divider in a string that draws around an amp when cold. Since the pilot light heats up in milliseconds, and the tube string takes a nominal 11 seconds (more like 15, I think) to heat up, the pilot light would see nearly 110 volts on warmup if it weren't shunted.

2. The heater/light/resistor adds some impedance in the 35Z5 plate circuit, to limit the current surge on "hot start"---i.e., the situation when the power is interrupted for a short period---100 msec or so. When power is restored, the 35Z5 will conduct at low impedance to recharge the first filter cap (generally 40 mfd) on the first half cycle. While this puts a substantial voltage across the filament/bulb for a few half cycles, the number of joules (watt-seconds) is not enough to overheat the bulb or tube heater, but prevents a current surge that would damage the cathode oxide coating.

3. Per the tube manuals, with the bulb (and shunt resistor, if used) across the short heater section, maximum voltage in normal operation is 5.5 instead of 7.5, and the nominal voltage across the entire heater is 32 volts, not 35. Maximum voltage across the short section, per the tube manual, on panel lamp failure, is 15 volts. You'll not that all of this does not add up, per Ohm's Law. The heating effect of the plate current pulses, which are quite short (2-4 milliseconds out of 16.67) is somewhat higher than the nominal 60-90 ma. of DC, but not enough to match the 300 ma. rating of the bulb and heater section in parallel. The tube manual numbers seem to have come out of the air in a few places (I'm citing the RCA 1940 RC-14 manual).

As to what will happen if the pilot light fails first---unless the 35Z5 heater is on its last legs, the radio will continue to work for some

period with no panel light being the only symptom of the fault. I know of AA5's that have played for months with the bulb burned out with no ill effects.

Almost guaranteed that your fault scenario is that the heater failed first, the bulb followed, and the shunt resistor probably got hot if the radio was playing when this happened. You should make sure that the B+ bus does not have a short in it somewhere, such as a bad filter cap. This will overload the circuit and kill both the bulb and the heater section.

If you do not have a spare 35Z5 lying around, you can use the WWII fix of hooking a resistor across heater pins 2-3. Around 18 ohms is the value I recall---lower than 5.5 volts at 150 ma., but will prevent a lamp kill on the startup surge.

--

\*\*\*\*\*  
Hank van Cleef vancleef@bga.com vancleef@tmn.com  
\*\*\*\*\*

From boatanchors@theporch.com Mon May 20 09:37:33 1996  
From: berg stephen erik <z931086@corn.cso.niu.edu>  
Subject: Re: Stupid Question Department Continued...  
Message-ID: <Pine.3.89.9605192329.C20355-0100000@corn.cso.niu.edu>

As I recall from the only time I ever worked on the S-38, the pilot light was tapped off of a section of the 35Z5 rectifier tube filament. Perhaps some other list member has more experience in these things, but I would replace the bulb with an exact match unit. This seems to be a common problem with this unit.

73,

Steve WA9JML

z931086@corn.cso.niu.edu

From boatanchors@theporch.com Mon May 20 15:53:48 1996  
From: "Roberta J. Barmore" <rbarmore@indy.net>  
Subject: Thanks!!!!  
Message-ID: <Pine.SUN.3.91.960520140413.5976A-100000@indy3>

Hi!

A quick message to thank all of the nice folks who've offered congratulations; I would like to write a message to each of you (off-list, please put the black-crackle shotgun away, Jack!) but there are just too many to do so in any reasonable time! What a nice group this is.

Tried to get on the air a bit Sunday night, but no dice; heard VE3RP but didn't manage to raise anybody. (FWIW, 3.58 was awfully noisy and 40m wasn't much better. Oh, well).

73,  
--Bobbi

From boatanchors@theporch.com Mon May 20 09:37:33 1996  
From: aphagen@chemdept.chem.uoknor.edu (a Hagen)  
Subject: Triad M-8A  
Message-ID: <1379538590-25659952@chemdept.chem.uoknor.edu>

I lost the specification sheet (wire lead color code!) for my purchased new many years ago Triad M-8A 80 watt modulation transformer. Can anyone help?

Thanks. Arni W5SR0

Arnulf P. Hagen, Professor

Department of Chemistry and Biochemistry, The University of Oklahoma

620 Parrington Oval, Rm 208

Norman, OK 73019

405-325-2827

405-325-6111 FAX

aphagen@uoknor.edu

Pager 405-630-1618 (alphanumeric if you have the ATT software)

Home 405-899-4726

From boatanchors@theporch.com Mon May 20 09:37:33 1996  
From: "Mike O'Brien" <mobrien@lib.drury.edu>  
Subject: Ups and Downs of Dayton  
Message-ID: <Pine.3.87.9605191838.B16311-0100000@lib.drury.edu>

Temperature = Up

Rain = Down

Attendance = Down (at least it seemed less crowded)

Boatanchors = Up (Forget that Ranger III project; an amazing array of Ranger I's and II's appeared out of nowhere this year)

Prices = 'Way Up (the aforementioned NC-400 for \$1,000+; SX-115 at \$850; 75A-4 -- admittedly beeuuutiful -- at \$1,200)

Rare Ones = Up (a Hammarlund Pro-310, a Hallicrafters SX-88)

And so on...

From boatanchors@theporch.com Mon May 20 09:37:33 1996  
From: "D.D. Todd" <dube3@n-link.com>  
Subject: UTC - A63 Thanks  
Message-ID: <319FFCE6.A5A@n-link.com>

Thanks to all who took the time to look for info on the A-63 transformer.  
Although no one had specific information for that model, I did get some directions to continue my search.

--  
73,  
Dube Todd AB5AP dube3@n-link.com

If we had to tolerate in others all that we permit in ourselves, life would be completely unbearable.  
- Georges Courtelline

From boatanchors@theporch.com Mon May 20 15:53:48 1996  
From: "D.D. Todd" <dube3@n-link.com>  
Subject: UTC Transformer  
Message-ID: <31A0C1FD.4D0A@n-link.com>

Boy, did I goof! Everyone running in circles trying to help me find specs for an A-63, and it turns out to be a LS-63! Either I gotta get new glasses or I better start using the "read twice and write once" philosophy! I apologize to all who have tried to help.

Err.... (small voice) anyone have specs and terminal connections for an LS-63?

--  
73,  
Dube Todd AB5AP dube3@n-link.com

If we had to tolerate in others all that we permit in ourselves, life would be completely unbearable.

- Georges Courtelline

From boatanchors@theporch.com Mon May 20 15:53:48 1996  
From: rdkeys@csemail.cropsci.ncsu.edu  
Subject: Viking II with VFO available for trade de NA4G  
Message-ID: <9605201749.AA100259@csemail.cropsci.ncsu.edu>

I have a small dilemma. The XYL's mother may be coming for a few weeks, so I have to clean up the den, etc., etc., etc., (we all know how that story goes, right), before I get the frying-pan-up-the-side-of-the-head syndrome.

I picked up, about 6 years ago, at our local hamfest a perfectly fine Johnson Viking II, condition, generally good cosmetically, a bit dusty, electrical conditon unknown. A while later, I picked up the matching VFO. Great plans for a nice BA station, but no room....(:+{{..... So, I checked it out, and replaced a blown bias choke (the underchassis one) which had shorted and burned, and tested it out, and it seemed to do fine. I even recalibrated the vfo. Alas, it has been sitting in the den for 5 years. It seems like the shipboard gear keeps me occupied while the Viking sits. I guess it is probably time to do something with it, like trade it off to someone who will use it on the BA/GB net, etc., or sell it off. I have good repros of the manuals of both the rig and the vfo (if I can still lay hand on them).

I am really into earlier iron like WWII gear and the like, rather than 50's ham iron, so..... would anyone be interested in trading either,

- 1) a usable older Ten-Tec transciever (don't laugh, I run ba's 99% or so, but it is hard to run a ba from the dashboard of the Aerostar, or qrq at 50wpm with most ba gear). Only a Ten-Tec is acceptable. Nothing fancy --- an old Delta I or old Omni would do fine. I might even consider an old Argosy I or Triton or Century 22.
- 2) a WWII Navy iron (receiver like an RBB or RBC [prefer RBB]) or a complete, should work [tested is not necessary as long as it is not burned] CW Ironmonger's rig such as a TBD, TCM, TCK, or whatever). I am willing to dicker a bit. I prefer not to get into a National receiver, unless it is the RAO with 2 rf stages. National gear is just not up the the calibre of the RCA gear. The XYL would scream at more iron, but I will fit it in somewhere besides the den.

So, any interest? Probably southeasters only would be interested. If anyone is interested, I will see about dusting the beastie off and benching it or maybe put it on the BA/GB net for you to hear.

73/ZUT DE NA4G/Bob

From boatanchors@theporch.com Mon May 20 09:37:33 1996  
From: Duncan Cadd <dcadd@luc.ac.be>  
Subject: VLF rx 16.8kc/s  
Message-ID: <9605201319.AA03656@alpha.luc.ac.be>

Greetings, Folks, from a sunny Diepenbeek in N.E. Belgium !

Can anyone say what BAs would be suited to receiving transmissions on  
16.8kc/s ? mni tn timer,

72/3,

Duncan ON9CHU / G0UTY G-QRP 8117 dcadd@luc.ac.be

From boatanchors@theporch.com Mon May 20 15:53:48 1996  
From: jproc@worldlinx.com  
Subject: RE: VLF rx 16.8kc/s  
Message-ID: <Chameleon.4.01.2.960520111834.jproc@jproc>

>

>Can anyone say what BAs would be suited to receiving transmissions on  
>16.8kc/s ? mni tn timer,

Duncan,

The RAK can tune down to 15 Khz. Both the Marconi MSL5 or B29 will also tune  
down that low.

Regards,

~~~~~  
Jerry Proc VE3FAB
E-mail: jproc@worldlinx.com
Radio Restoration Volunteer
HMCS Haida, Toronto Ontario
~~~~~

From boatanchors@theporch.com Mon May 20 09:37:33 1996



From: "F r6fqHo!ht" <75121.100@CompuServe.COM>  
Subject: VRC-33  
Message-ID: <960520023723\_75121.100\_FHI67-2@CompuServe.COM>

Anyone have a C-2110/VRC-33? I have the control head with mic speaker, squelch, volume and on/off switch. This is on a 20' cable which lugs into the VRC-33 using a 12 contact Cinch-Jones plug.

First (or most anxious) serious person will get it for \$10.00 plus shipping.

Regards from Hawaii,  
Raymond J. Cote  
808-941-4541

From boatanchors@theporch.com Mon May 20 09:37:33 1996  
From: John Kolb <jlkolb@cts.com>  
Subject: Wells Gardner/RA0-?  
Message-ID: <Pine.SCO.3.91.960519202752.14477A-100000@sd.cts.com>

Well, I found a picture of my Wells Gardner. Page 95 of the Moore Receiver Bible, 3rd ed. It's in the National section with the description RA0-1 thru -8.

Did National design these and National, Wells Gardner, and perhaps others build them? WW II receiver.

Anyone have info on these? schematics, manuals? Info on differences between the -1 ... -8? Info on the NC-120 which may or may not be the same?

What should be on the inner dial? This one is neatly penciled as a bandspread for the ham bands.

How are the raised lettering type control labels panels repainted?

Sure glad I saved all the discussions recently on black wrinkle painting.

As always, copy costs, postage, etc gladly repaid.

John Kolb KK6IL jlkolb@cts.com

540 S. Kalbaugh St.  
Ramona, CA

From boatanchors@theporch.com Mon May 20 15:53:48 1996  
From: Andy Wallace <wallace@mc.com>  
Subject: Re: Why Boatanchors?  
Message-ID: <9605202012.AA03864@taku>

----- Begin Included Message -----

From: jschwart@ix.netcom.com (John Schwartzberg)  
Subject: Why Boatanchors?

But, most importantly, when I get on the air with this stuff, either with people I know or people I meet on the bands, we actually carry on a conversation!

----- End Included Message -----

Indeed! I mean really, people...do you REALLY care about the weather at the other guy's QTH? TEMP 70 TEMP 70 OVERCAST ES WINDY OVERCAST ES WINDY BK TNX FER NICE QSO ... Bleah.

But it's surprising what happens when you say that you're using a tube rig. Stories come out of the woodwork!

73,  
--Andy  
wallace@mc.com

From boatanchors@theporch.com Mon May 20 09:37:33 1996  
From: Henry van Cleef <vancleef@bga.com>  
Subject: Re: Wishing I was Hank  
Message-ID: <199605200407.XAA26460@zoom.bga.com>

As Allan Fritsche said

>

> I've stated recently that Hank Van Cleef knows a lot about just about everything  
> to do with electronics, Hollow or Solid State. I am proud to tell you  
> that I suspect he's a (Texas boy but he won't tell anyone where he's located  
> at.) I suspect the Piney Woods of East Texas.

>

Huh? What brought this on? Take two aspirin and get plenty of bed rest.

So far as what kind of "boy," try "Wyoming boy" who ended up several places, most recently under the shadow of Los Balcones on the Eastern edge of Texas Hill Country.

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\*\*\*\*\*  
Hank van Cleef vancleef@bga.com vancleef@tmn.com  
\*\*\*\*\*

From boatanchors@theporch.com Mon May 20 09:37:33 1996  
From: KA9EGW@aol.com  
Subject: Re: Wishing I was Hank  
Message-ID: <960520080451\_117162763@emout08.mail.aol.com>

who cares where he lives? Knowledge is knowledge and truth is truth regardless of source...

From boatanchors@theporch.com Mon May 20 15:53:48 1996  
From: roecker.greg@ist.vf.mmc.com  
Subject: WTB: Central Electronics 200V  
Message-ID: <Chameleon.960520142258.greg@.acc.vf.mmc.com>

Hello All,

I am still looking for a Central Electronics 200V Transmitter. Prefer a working unit. Any leads would be appreciated. I am near Atlanta, zip 30075. Please reply via email.

Thanks, and 73,

Greg Roecker  
N4OSJ  
roecker.greg@ist.vf.mmc.com

-----  
Greg Roecker  
E-mail: roecker.greg@ist.vf.mmc.com  
From boatanchors@theporch.com Mon May 20 15:53:48 1996  
From: "Ray L. Mote" <rmote@rain.org>  
Subject: WTB: replacement tips for ME-26D VTVM AC probe, 6-4 ballasts

Message-ID: <Pine.SUN.3.93.960520080522.12401C-1000000@coyote.rain.org>

Anybody know where I can find these ME-26D parts?

Ray Mote, W6RIC <rmote@rain.org> Oxnard, CA

From boatanchors@theporch.com Mon May 20 15:53:48 1996

From: Cal Eustaquio N6KYR <ceustaqu@dot.w6bhz.calpoly.edu>

Subject: WTB: Collins 312-B3

Message-ID: <Pine.SUN.3.91.960520103302.9616B-1000000@dot.w6bhz.calpoly.edu>

Still looking for that 312-B3 (not necessarily in good condition). If you have one for sale, please let me know. Cal.